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ABSTRACT

AS
A diversity receiver in a radio apparatus has at least two reception branches and a RAKE receiver to combine signal received by the different reception branches as well as a measuring receiver to make frequency specific measurements. The radio apparatus includes a switch connected with at least one reception branch and has at least two states in the first of which the switch is arranged to direct a signal received by a reception branch to the RAKE receiver and in the second of which the switch is arranged to direct a signal received by a reception branch to the measuring receiver. The radio apparatus makes measurements at other than the operating frequency without the reception at the operating frequency being interrupted. In a communications system the measurements may be associated with a handover.